

DORSEY & WHITNEY LLP

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1001 PENNSYLVANIA AVENUE, N.W.
SUITE 400 SOUTH
WASHINGTON, D.C. 20004-2533
TELEPHONE: (202) 442-3000
FAX: (202) 442-3199
www.dorseyllaw.com

October 17, 2003

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: 33692

First Named Inventor: Tjaart Andries DU PLESSIS

Title: RADIATION TREATED ETHYLENE POLYMERS AND ARTICLES MADE
FROM SAID POLYMERS

TO: Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

- ☐ Fee Transmittal Form (original and duplicate)
- ☒ Specification - Total Pages: 41 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	25	20	5	\$ 18.00	\$ 9.00	\$ 90.00
Independent Claims	2	3	0	\$ 86.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims (3)				\$ 280.00	\$ 140.00	\$ 0.00
BASIC FEE				\$ 750.00	\$ 375.00	\$ 770.00
TOTAL FILING FEE						\$ 860.00

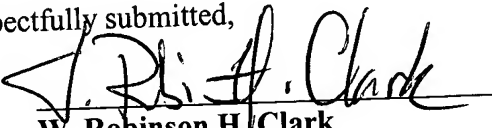
- ☒ Drawings - Total Sheets: 7 (Fig(s). 1-7)
- Oath or Declaration - Total Pages: 2

- a. ☐ Newly executed (original or copy)
☒ New (unexecuted)
- b. ☐ Copy from a prior application
(for continuation/divisional with Box 17 completed)
- c. ☐ DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.
5. ☐ Incorporation By Reference (useable if Box 4b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies
8. ☐ Assignment and Assignment Recordation Form along w/recordation fee (\$40.00)
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement with PTO-1449 and References
☐ Copies of Information Disclosure Statement Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☐ Small Entity Status Claimed: ☐ Independent Inventor
☐ Small Business Concern
☐ Non-Profit Organization
- ☐ Statement Enclosed
- ☐ Statement Filed in Prior Application; Status Still Proper and Desired
15. ☒ Foreign Priority is Claimed as Follows:
PCT/ZA03/00053 filed April 17, 2003
ZA2002/3121 filed April 19, 2002

- ☐ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith.
16. ☒ Other: Application Data Sheet
17. ☐ Continuation ☐ Divisional ☒ Continuation-in-Part of
Prior Application No.: U.S. Patent Application No. [to be assigned] (Dkt. No. 33702/US), entitled "Method of Increasing the Hydrostatic Stress Strength of a Polymer," filed October 17, 2003, which is the National Stage of PCT Application No. PCT/ZA03/00053, of the same title, filed April 17, 2003, which designates the United States and claims priority to South African Application No. ZA2002/3121, filed April 19, 2002.
☐ Complete Application Based on Provisional Application Nos.: _____ filed ____.
18. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is as follows:
☐ The power of attorney is to the Dorsey & Whitney LLP patent attorneys and agents associated with **Customer Number 27082**.
19. ☐ Request for Early Publication.
20. ☐ Request for Non-Publication under 35 U.S.C. 122(b).
The undersigned representative certifies on information and belief that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
21. Please address all correspondence to:
☒ **CUSTOMER NUMBER** 27082
☒ **W. Robinson H. Clark**
Intellectual Property Department
DORSEY & WHITNEY LLP
Suite 400 South
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2533
22. ☒ No check is enclosed.

Respectfully submitted,

By:


W. Robinson H. Clark
Registration No. 41,530

WHRC/dc
Enclosure